#### 505209924 11/28/2018

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5256692

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KENSUKE TODA	10/24/2018
YUICHI ICHINARI	10/24/2018
MANABU SHIBATA	10/25/2018

### **RECEIVING PARTY DATA**

Name:	HORIBA ADVANCED TECHNO, CO., LTD.
Street Address:	31, MIYANONISHI-CHO, KISSHOIN, MINAMI-KU
City:	KYOTO-SHI, KYOTO
State/Country:	JAPAN
Postal Code:	601-8306

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16203465

### CORRESPONDENCE DATA

Fax Number: (503)595-7301

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 5035957300

Email: martin@allemanhall.com

ALLEMAN HALL CREASMAN & TUTTLE LLP **Correspondent Name:** 

Address Line 1: 900 SW 5TH AVE. SUITE 2300 Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	KKI18318
NAME OF SUBMITTER:	KYOKO MARTIN
SIGNATURE:	/Kyoko Martin/
DATE SIGNED:	11/28/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

#### **Total Attachments: 3**

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> **PATENT** REEL: 047613 FRAME: 0331 505209924

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) WITH ASSIGNMENT

little of	ELECTROMAGNETIC SENSOR
Invention:	
As the below named	d inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application numberfiled on;
The above-identified	d application was made or authorized to be made by me.
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.
	rneys and agents associated with Customer Number 145327 to insert the filing date, application number, t number of the above identified application when known.
I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
business at 31, Miyatherein; NOW, THEREFOR, have sold, assigned, right to the above-ic entire right, title and territorial possessio extensions thereof. I hereby authorize and all of said Letter same, for the sole use Further, I agree invention, and test renewal and reissued to ASSIGNEE, to obtain and enforce.	A Advanced Techno, Co., Ltd., ("ASSIGNEE"), a Japanese corporation, having its principal place of anonishi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8306, Japan, is desirous of acquiring an interest of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive dentified invention in the United States and its territorial possessions and in all foreign countries, and the dinterest in and to any and all Letters Patent which may be granted therefor in the United States and its and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and and request the Patent Office officials in the United States and any and all foreign countries to issue any as Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the se of the ASSIGNEE, its successors and assigns.  That I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said ify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, the proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INV	/ENTOR
Inventor: Kensuke Toda Date: 0.1.24.29/8	
Signature: <u>Kenanko Toda</u>	
	ATTY DOCKET NO.: KKI18318

PATENT REEL: 047613 FRAME: 0332

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) WITH ASSIGNMENT

INIE OI	ELECTROMAGNETIC SENSOR
Invention:	J. Surger of the sector of the
As the below named	d inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application numberfiled on;
The above-identified	d application was made or authorized to be made by me.
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.
	rneys and agents associated with Customer Number 145327 to insert the filing date, application number, through the control of the above identified application when known.
	ge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by at of not more than five (5) years, or both.
business at 31, Miyatherein; NOW, THEREFOR, have sold, assigned, right to the above-ic entire right, title and territorial possession extensions thereof. I hereby authorize and all of said Letter same, for the sole us Further, I agree to invention, and testi renewal and reissued to ASSIGNEE, to obtain and enforce.	A Advanced Techno, Co., Ltd., ("ASSIGNEE"), a Japanese corporation, having its principal place of inonishi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8306, Japan, is desirous of acquiring an interest of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive dentified invention in the United States and its territorial possessions and in all foreign countries, and the dinterest in and to any and all Letters Patent which may be granted therefor in the United States and its ins and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and and request the Patent Office officials in the United States and any and all foreign countries to issue any respectively. When granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the se of the ASSIGNEE, its successors and assigns. That I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said lify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, the proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INV	
Inventor: Yuichi Ic	
Signature: Michi Ichinani	
	ATTY DOCKET NO.: KKI18318

PATENT REEL: 047613 FRAME: 0333

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) WITH ASSIGNMENT

Intle of Invention:	ELECTROMAGNETIC SENSOR
**********	l inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application numberfiled
	on;
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
	rneys and agents associated with Customer Number 145327 to insert the filing date, application number, the number of the above identified application when known.
I hereby acknowled	ge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by
fine or imprisonmer	at of not more than five (5) years, or both.
business at 31, Miya therein; NOW, THEREFOR, have sold, assigned, right to the above-ic entire right, title and territorial possessio extensions thereof.	A Advanced Techno, Co., Ltd., ("ASSIGNEE"), a Japanese corporation, having its principal place of anonishi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8306, Japan, is desirous of acquiring an interest of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive dentified invention in the United States and its territorial possessions and in all foreign countries, and the dinterest in and to any and all Letters Patent which may be granted therefor in the United States and its ns and in any and all foreign countries, and in and to any and all foreign countries to issue any
I hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the same, for the sole use of the ASSIGNEE, its successors and assigns.	
Further, I agree that I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said	
invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution,	
renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be	
issued to ASSIGNEE, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.	
to obtain and emore	e proper protection for said invention in the officed states and in any and an foreign countries.
LEGAL NAME OF IN	/ENTOR
Inventor: Manabu	Shibata Date: 25, Oct 20/8
Signature: Marabu Shihata	
······	ATTY DOCKET NO - KKI18218

PATENT REEL: 047613 FRAME: 0334

**RECORDED: 11/28/2018**